Canadian Forces Warfare Centre
Presentation to the WJTSC 2012

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Presentation *Aim*

- To provide WJTSC Attendees with an update on:
  - The status of the new ACGU/NZ Combined Joint Military Information Exchange Annex (CJMIEA) to the CJ3IEM MOU, and
  - The Canadian Forces (CF) position regarding the proposed ACGU Training Environment.

Presentation Outline

- CFWC Vision, Mission & Model
- ACGU/NZ Combined Joint Military Information Exchange Annex (CJMIEA) to the CJ3IEM MOU
- The CF Position on the proposed ACGU Training Environment Up Front
- ACGU Training Environment Tenets – A CF View
- Q&A

CFWC Vision and Mission

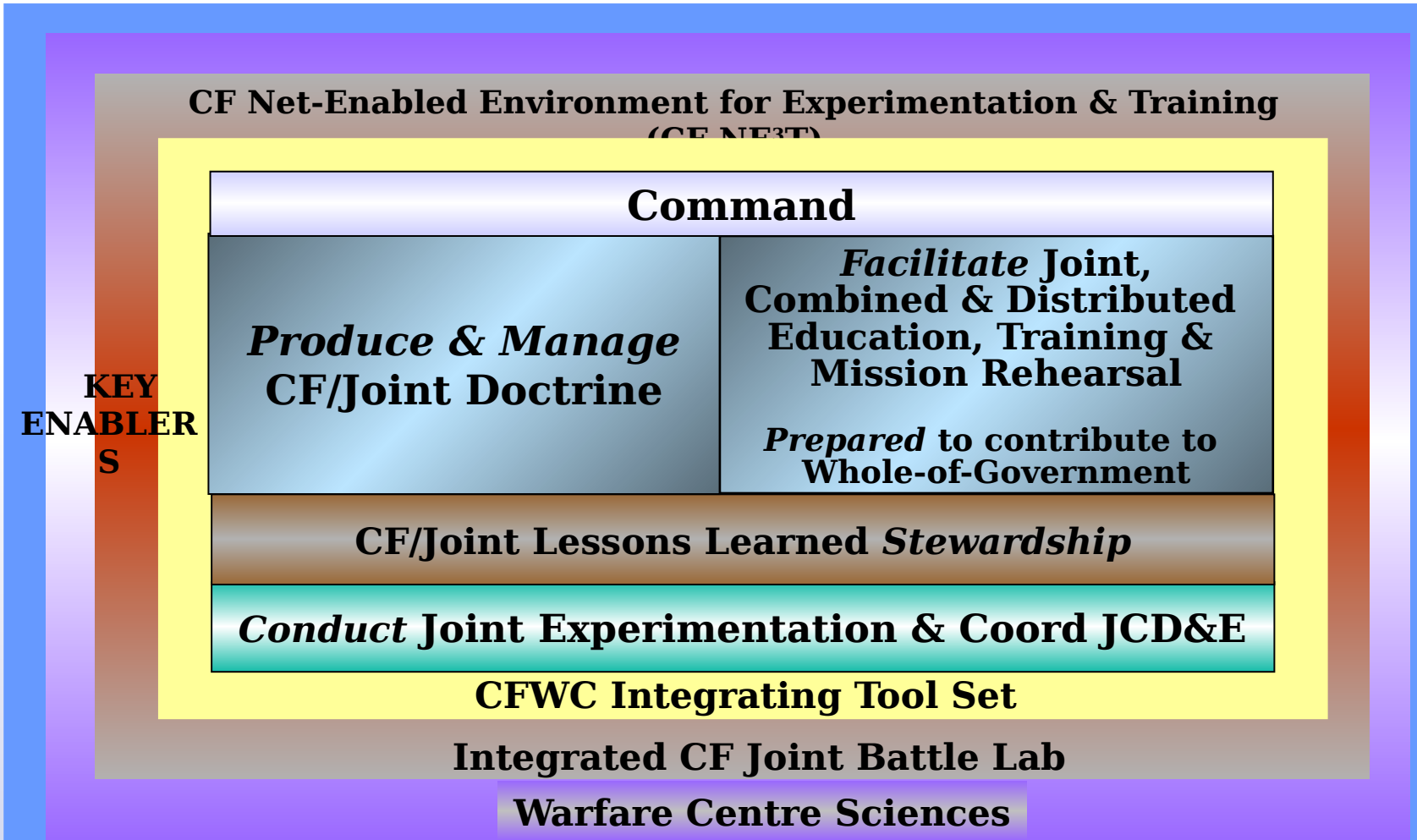
VISION

- *A key CF capability innovator* leading and enabling the development and generation of a more integrated, relevant, interoperable and agile force that defends the nation, delivers integrated effect and projects leadership abroad.

MISSION

- *To enable CF joint and integrated force development* through conceiving, designing and supporting the building and delivery of joint capabilities in order to enhance CF operational effectiveness and readiness.

CFWC Model


CF Net-Enabled Environment for Experimentation & Training
(CF NE³T)
Command
Produce & Manage CF/Joint Doctrine
Facilitate Joint, Combined & Distributed Education, Training & Mission Rehearsal
Prepared to contribute to Whole-of-Government
KEY ENABLERS
CF/Joint Lessons Learned *Stewardship*
Conduct Joint Experimentation & Coord JCD&E
CFWC Integrating Tool Set
Integrated CF Joint Battle Lab
Warfare Centre Sciences
National and International Stakeholders and Partners

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CF Experimentation Network (CFXNet)

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ACGU/NZ CJ3IEM MOU

- The CF Chief of Force Development (CFD) signed off the new ACGU/NZ Combined Joint Military Information Exchange Annex (CJMIEA) to the CJ3IEM MOU *on 13 March 2012.*

- *The CF fully supports this MOU and Annex,* the latter of which is focused on exchanging military information and technical data related to combined, coalition or multi-lateral *Air Operations Training.*

ACGU/NZ CJ3IEM MOU *Cont'd*

- Although this Annex is focused on Air Operations Training within a multi-national coalition environment, its applications support joint and combined military operations and training with particular emphasis on *Air-Land-Maritime integration and interoperability*.
- It is Canada's intention, in the near term, to establish a *Maritime Annex (CJMIEA)* to support Joint & Combined Maritime Operations Training. We are also exploring the possibility of Land and Joint IE Annexes as well as better synergy with ABCA Armies in this regard.
- For Canada, this agreement to exchange information and data directly supports and is complimentary to the proposed *ACGU/NZ Training*

The Bottom Line up Front

- The CF:
  - Continues to be *committed to working closely with our Allies* and other partners in preparing effectively for future military operations worldwide. This includes developing new and updated capabilities and training together.
  - *Supports in principle* the development and establishment of the proposed ACGU/NZ Training Environment.
  - Emphasizes that the new Training Environment must address and support not just *multinational training but also capability development. In our view,* the *Goal* is enhanced National and ACGU military operational capability and readiness.

The New ACGU/NZ Joint Training & CapDev Environment

Tenets

- Better than what we have had in the past….Value Added in that it fills collective capability gaps.

- A Persistent, network-enabled learning environment built and maintained on trust, robust information sharing, agility, interdependence and equal opportunity.

- Multi-nationally agreed upon capabilities and tools must be compatible, international-standards compliant, open and interoperable that collectively meet National and ACGU/NZ operational, training and capability development requirements

The New ACGU/NZ Joint Training & CapDev Environment

Tenets Cont'd

- The importance of establishing and collectively maintaining a robust, persistent, agile and trusted 5-Eyes *Information Systems Network* to support this new training and capability development environment cannot be overstated.

- The ability to effectively plan, conduct and learn together from capability development activities and distributed mission operations and training within this new distributed environment will depend in large part on *effective and efficient connectivity*.

- For Canada, we will continue to support a *hybrid Network of Networks (NoN) approach* that will include national and international networks such as the CF Training & Experimentation Network (CFXNet), the US JTEN and the multinational CFBLNet. This hybrid capability will allow us to connect to our national and international Allies and other partners as required to meet DND/CF requirements.

Summary

- There is *significant value in establishing* an enhanced ACGU distributed training and capability development environment. An agile, collaborative, distributed working environment will benefit all partners allowing the ACGU family to leverage each other's work and to problem solve and train together.

- In these times of transformation, fiscal constraint and diminishing budgets, *all Nations will gain significant efficiencies* by developing and maintaining this environment together to meet national and ACGU requirements.

- Critical to success for this new environment will be to include integral standards-based, advanced, network-enabled capabilities characterized, in large part, by a persistent, high bandwidth and on-demand ability to effectively conduct joint and combined distributed capability development and training activities. *We look forward to developing this new environment together!*

Q&A